

?s (polyclonal? or antisera or antiserum) (25n) (((b7 or tp55) (5n) (serpin? or megsin ?)) or serpinb7? or megsin? or cladeb or (clade (n) 7)))

Your SELECT statement is:

s (polyclonal? or antisera or antiserum) (25n) (((b7 or tp55) (5n) (serpin? or megsin?)) or serpinb7? or megsin? or cladeb or (clade (n) 7)))

Items	File
2	5: Biosis Previews(R) 1969-2005/Jan W3
2	34: SciSearch(R) Cited Ref Sci 1990-2005/Jan W4
2	71: ELSEVIER BIOBASE 1994-2005/Jan W3
2	73: EMBASE 1974-2005/Jan W4
Examined 50 files	
2	155: MEDLINE(R) 1951-2005/Jan W4
Examined 100 files	
Examined 150 files	
2	348: EUROPEAN PATENTS 1978-2005/Jan W03
1	357: Derwent Biotech Res. 1982-2005/Jan W3
2	440: Current Contents Search(R) 1990-2005/Jan 27
Examined 200 files	
Examined 250 files	

8 files have one or more items; file list includes 287 files.

?save temp

Temp SearchSave "TD910" stored

?rf

Your last SELECT statement was:

S (POLYCLONAL? OR ANTISERA OR ANTISERUM) (25N) (((B7 OR TP55) (5N) (SERPIN? OR MEGSIN?)) OR SERPINB7? OR MEGSIN? OR CLADEB OR (CLADE (N) 7)))

Ref	Items	File
N1	2	5: Biosis Previews(R) 1969-2005/Jan W3
N2	2	34: SciSearch(R) Cited Ref Sci 1990-2005/Jan W4
N3	2	71: ELSEVIER BIOBASE 1994-2005/Jan W3
N4	2	73: EMBASE 1974-2005/Jan W4
N5	2	155: MEDLINE(R) 1951-2005/Jan W4
N6	2	348: EUROPEAN PATENTS 1978-2005/Jan W03
N7	2	440: Current Contents Search(R) 1990-2005/Jan 27
N8	1	357: Derwent Biotech Res. 1982-2005/Jan W3
N9	0	2: INSPEC 1969-2005/Jan W3
N10	0	6: NTIS 1964-2005/Jan W3

8 files have one or more items; file list includes 287 files.

- Enter P or PAGE for more -

?b n5 n1:n4 n6:n8;exs

27jan05 10:16:53 User228206 Session D2345.2

\$18.12 8.054 DialUnits File411

\$18.12 Estimated cost File411

\$0.99 TELNET

\$19.11 Estimated cost this search

\$19.11 Estimated total session cost 8.260 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1951-2005/Jan W4

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***File 155: Medline has resumed updating. Please see**

HELP NEWS 155 for details.

File 5:Biosis Previews(R) 1969-2005/Jan W3

(c) 2005 BIOSIS

***File 5: Price change effective Jan 1, 2005. Enter HELP**

RATES 5 for details.

File 34:SciSearch(R) Cited Ref Sci 1990-2005/Jan W4

(c) 2005 Inst for Sci Info

***File 34: Price change effective Jan 1, 2005. Enter HELP**

RATES 34 for details.

File 71:ELSEVIER BIOBASE 1994-2005/Jan W3

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File 73:EMBASE 1974-2005/Jan W4

(c) 2005 Elsevier Science B.V.

***File 73: Price change effective Jan 1, 2005. Enter HELP**

RATES 73 for details.

File 348:EUROPEAN PATENTS 1978-2005/Jan W03

(c) 2005 European Patent Office

File 440:Current Contents Search(R) 1990-2005/Jan 27

(c) 2005 Inst for Sci Info

File 357:Derwent Biotech Res. 1982-2005/Jan W3

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Set	Items	Description
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Executing TD910

>>>SET HIGHLIGHT: use ON, OFF, or 1-5 characters

195234	POLYCLONAL?
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113743	ANTISERA
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145229	ANTISERUM
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35644	B7
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15	TP55
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13010	SERPIN?
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138	MEGSIN?
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1	(B7 OR TP55) (5N) (SERPIN? OR MEGSIN?)
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5	SERPINB7?
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138	MEGSIN?
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6	CLADEB
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29029	CLADE
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7541813	7
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22	CLADE(N) 7
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S1	15	(POLYCLONAL? OR ANTISERA OR ANTISERUM) (25N) (((B7 OR TP55) (5N) (SERPIN? OR MEGSIN?)) OR SERPINB7? OR MEGSIN? OR CLADEB OR (CLADE (N) 7)))
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?rd

>>>Duplicate detection is not supported for File 348.

>>>Records from unsupported files will be retained in the RD set.

...completed examining records

S2	5	RD (unique items)
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?t s2/3,kwic/all

2/3,KWIC/1 (Item 1 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

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11702613 PMID: 11877466

Overexpression of the serpin megsin induces progressive mesangial cell proliferation and expansion.

Miyata Toshio; Inagi Reiko; Nangaku Masaomi; Imasawa Toshiyuki; Sato Masahiro; Izuhara Yuko; Suzuki Daisuke; Yoshino Atsusi; Onogi Hiroshi; Kimura Minoru; Sugiyama Satoshi; Kurokawa Kiyoshi

Molecular and Cellular Nephrology, Institute of Medical Sciences and Department of Internal Medicine, Tokai University School of Medicine, Kanagawa, Japan. t-miyata@is.icc.u-tokai.ac.jp

Journal of clinical investigation (United States) Mar 2002, 109 (5)

p585-93, ISSN 0021-9738 Journal Code: 7802877

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

... and complement. Binding and functional assays in vitro identified plasmin as one biological substrate of **megin** and confirmed its activity as a proteinase inhibitor. Transgenic animals exhibiting nephritis as a result of treatment with anti--glomerular basement membrane **antiserum**

showed significantly more persistent expansion of the mesangial ECM than was seen in parental mice. **Megsin** therefore exerts a biologically relevant influence on mesangial function, and on the mesangial microenvironment, such...

2/3,KWIC/2 (Item 2 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

11430448 PMID: 11527413

Specific tissue distribution of megsin, a novel serpin, in the glomerulus and its up-regulation in IgA nephropathy.

Inagi R; Miyata T; Suzuki D; Toyoda M; Wada T; Ueda Y; Izuhara Y; Sakai H; Nangaku M; Kurokawa K

Molecular and Cellular Nephrology, Tokai University School of Medicine, Kanagawa, Japan.

Biochemical and biophysical research communications (United States) Sep 7 2001, 286 (5) p1098-106, ISSN 0006-291X Journal Code: 0372516

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

... a structure and function of the glomerulus. We previously cloned a novel mesangium-predominant gene, **megsin**, a new serine protease inhibitor. To clarify localization and roles of **megsin** protein, we raised **polyclonal** antibodies to **megsin**. By immunohistochemistry, **megsin** protein was specifically identified in the mesangial area. The amount of **megsin** protein was increased in glomeruli of patients with IgA nephropathy than in those of normal...

2/3,KWIC/3 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

01286850

MODEL ANIMAL OF MESANGIAL CELL PROLIFERATIVE NEPHRITIS

MODELLTIER FUR NEPHRITIS MIT MESANGIALZELLEN-PROLIFERATION

MODELE ANIMAL POUR NEPHRITE PROLIFERATIVE A CELLULES MESANGIALES

PATENT ASSIGNEE:

Kurokawa, Kiyoshi, (2738252), Ichigayahills 401, 49 Ichigaya Yanagi-cho, Sinjuku-ku, Tokyo 162-0061, (JP), (Applicant designated States: all)

Miyata, Toshio, (2964891), 102 Ekuseru Isehara, 16-25, Sakuradai 2-chome, Isehara-shi, Kanagawa 259-1132, (JP), (Applicant designated States: all)

INVENTOR:

MIYATA, Toshio, 102, Ekuseru Isehara, 16-25, Sakuradai 2-chome, Isehara-shi, Kanagawa 259-1132, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1224862 A1 020724 (Basic)

WO 200124628 010412

APPLICATION (CC, No, Date): EP 2000964721 001006; WO 2000JP6988 001006

PRIORITY (CC, No, Date): JP 99285736 991006

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A01K-067/027; A61P-013/12; A61K-045/00;

C12N-015/12; C12N-015/85; G01N-033/15; G01N-033/50

ABSTRACT WORD COUNT: 73

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200230	358
SPEC A	(English)	200230	8153
Total word count - document A			8511
Total word count - document B			0
Total word count - documents A + B			8511

...SPECIFICATION mice (Lane 2 and 4).

(Example 5) Production and purification of an antibody against human **megsin**

Polyclonal antibody against the **megsin** protein was produced by using as immunogen a region having a low identity with other...

...and absorbance was measured at 492 nm. An increase in antibody titer was confirmed.

The **polyclonal** antibody against the synthetic peptide of **megsin** protein was purified by immunoaffinity chromatography according to a conventional method (Cell Engineering supplement "Jikken...).

2/3,KWIC/4 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

01213577

METHOD FOR DETECTING MEGSIN PROTEIN AND USE THEREOF

VERFAHREN ZUM NACHWEIS VON "MEGSIN"-PROTEIN UND ENTSPRECHENDE ANWENDUNG

PROCEDE DE DETECTION DE PROTEINE MEGSINE ET SON UTILISATION

PATENT ASSIGNEE:

Kurokawa, Kiyoshi, (2738250), Ichigaya Hills 401, 49 Ichigaya-yanagimachi, Sinjuku-ku, Tokyo 162-0061, (JP), (Applicant designated States: all)
 FUSO PHARMACEUTICAL INDUSTRIES LTD., (1209242), 7-10, Doshomachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0045, (JP), (Applicant designated States: all)

Miyata, Toshio, (2964890), 4-2-3-101 Higashinaruse, Isehara-shi, Kanagawa 259-1117, (JP), (Applicant designated States: all)

INVENTOR:

MIYATA, Toshio, 102 Ekuseru Isehara, 16-25, Sakuradai 2-chome, Isehara-shi, Kanagawa 259-1132, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1172655 A1 020116 (Basic)
 WO 200057189 000928

APPLICATION (CC, No, Date): EP 2000909713 000317; WO 2000JP1646 000317

PRIORITY (CC, No, Date): JP 9975305 990319; JP 99306623 991028

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G01N-033/68; G01N-033/53; G01N-033/577;
 G01N-033/553

ABSTRACT WORD COUNT: 42

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200203	451
SPEC A	(English)	200203	12779
Total word count - document A			13230
Total word count - document B			0
Total word count - documents A + B			13230

...SPECIFICATION source or preparation method of the antibody, which is

essential for immunological assays of the **megsin** protein, can be any so long as the antibody can recognize the detection target, which is the **megsin** protein. Thus, antibodies to be used include **polyclonal** antibodies, monoclonal antibodies, mixtures thereof, etc. Furthermore, fragments containing the variable region of the antibody molecule are included. The antibody against **megsin** protein can be obtained, for example, as follows. For example, antibodies used in the present...

...protein having the amino acid sequence of SEQ ID NO:2. The antibody (for example, **polyclonal** antibody or monoclonal antibody) or the **antiserum** against the **megsin** protein or partial amino acids sequence thereof can be prepared according to conventional methods for antibody or **antiserum** preparation using **megsin** proteins, oligopeptides comprising a partial amino acid sequence thereof, as well as fusion proteins, such as c-myc-(His)6)-Tag- **megsin** protein and MBP-megsin protein, as the antigens. For example, monoclonal antibodies can be prepared...

...fusing the antibody producing cells contained in these tissues with myeloma cells. Reacting the labeled **megsin** protein described below with the **antiserum**, and measuring the activity of the label bound to the antibody enables measurement of the antibody titer in the **antiserum**.

A monoclonal antibody of the present invention that does not crossreact with proteins other than **megsin** protein can be obtained by selecting an antibody that recognizes epitopes specific to megsin protein...

...all sequences, a monoclonal antibody capable of recognizing different species can be selected.

An anti- **MEGSIN** protein monoclonal antibody can be separated and purified according to a separation and purification method for immunoglobulin, similar to the separation and purification of **polyclonal** antibodies. The known purification methods include, for example, salting out, alcohol precipitation, isoelectric point precipitation...

...Protein G, and thereafter the binding is dissociated to obtain the antibody.

Monoclonal antibodies and **polyclonal** antibodies obtained in such a manner that recognize the **megsin** protein of the present invention, can be used for the diagnosis and treatment of diseases...etc. can be used as substrates. The present invention also includes an immunoassay reagent for **megsin** comprising labeled or immobilized monoclonal or **polyclonal** antibodies. The present invention further includes a kit comprising this reagent and an indicator for an intraperitoneal administration of 0.5 to 2 (μ)g human **megsin** protein to the animal. **Polyclonal** antibodies are obtained from the body fluid of the thus immunized animal. 3 to 7...Brief Description of the Drawings

Figure 1 shows the result of Western blotting using a **polyclonal** antibody specific to synthetic peptide-2, which has a partial amino acid sequence of **megsin** protein (SEQ ID NO: 12), as the antigen. Each lane represents the following:

1: MBP...

...gene

7: body fluid of the silkworm infected with a recombinant virus without transfection by **megsin** protein gene

8: body fluid of the virus-uninfected silkworm

9: normal human serum

Figure 2 shows the result of Western blotting using a **polyclonal** antibody specific to synthetic peptide-3, which has a partial amino acid sequence of **megsin** protein (SEQ ID NO: 13), as the antigen. Each lane represents the same proteins as in Figure 1.

Figure 3 shows the result of Western blotting using a **polyclonal** antibody specific to synthetic peptide-342, which has a partial amino acid sequence of **megsin** protein (SEQ ID NO: 15), as the antigen. Each lane represents the same proteins as in Figure 1.

Figure 4 shows the result of Western blotting using a **polyclonal** antibody specific to MBP- **megsin** protein, as the antigen. Each lane represents the same proteins as in Figure 1.

Figure...7 to 10 generations, and then used for the following experiments.

(Example 2) Production of **polyclonal** antibodies against synthetic peptides of the **megsin** protein

Polyclonal antibodies against **megsin** protein were produced by using regions having low identity with other members of the serpin...

...measured at 492 nm. An increase in antibody titer was confirmed.

(Example 3) Purification of **polyclonal** antibodies against synthetic peptides of **megsin** protein

The **polyclonal** antibodies against each synthetic peptide of **megsin** protein were purified by immunoaffinity chromatography according to conventional methods (Cell Engineering supplement "Jikken Protocol...

...IgG was purified in the same manner.

(Example 5) Studies on reactivity of the rabbit **polyclonal** anti- **megsin** peptide IgG

The reactivity of the rabbit IgG, which was produced using **megsin** protein as the immunogen, was studied using the following various proteins as antigens. MBP-megsin...7.5), it was reacted at 4(degree)C, overnight with the primary antibody, rabbit **polyclonal** anti- **megsin** peptide IgG, diluted in TTBS. Then it was detected with Amplified Alkaline Phosphatase Immuneblot Kit...

...000 (Ultrafree, Millipore) . Each well of the 96 well ELISA plate was coated with rabbit **polyclonal** anti- **megsin** peptide-2 IgG. 120 (mu)L PBS (-) was poured into each well, then 120 (mu)...

...with PBS (-) containing 0.05%(w/v) Tween20 (Wako Pure Chemical), alkaline phosphatase labeled rabbit **polyclonal** anti- **megsin** peptide-1 antibodies were added, and left standing for an hour at room temperature. After...5), it was reacted overnight at 4(degree)C with a primary antibody solution, rabbit **polyclonal** anti- **megsin** peptide IgG diluted in TTBS.

Then it was detected with Amplified Alkaline Phosphatase Immuneblot Kit ...was carried out as follows:

500,000 magnetic granules conjugated to the primary antibody (rabbit **polyclonal** anti- **megsin** peptide-2 antibody) were put into a tube (1.5 mL) blocked beforehand with Block...

...500 (mu)L of each urinary sample and equal amounts of alkaline phosphatase labeled rabbit **polyclonal** anti- **megsin** peptide-1 antibodies dialyzed with PBS (-) were mixed, and reacted for 2 hours at room...to obtain the lysate.

The radiolabeled antigen (105)-106) cpm) and 1 (mu)L anti- **megsin** peptide-2 **polyclonal** antibody (0.7 mg/mL) were incubated at 4(degree)C for 90 minutes.

It...

...washed with PBS containing 0.05% Tween 20 (Tween-PBS). 50 (mu)L of anti- **megsin** peptide-2 **polyclonal** antibody and anti- **megsin** peptide-4 **polyclonal** antibody obtained in Example 2 and 3, which were diluted in Tween-PBS, was added...

2/3,KWIC/5 (Item 1 from file: 357)

DIALOG(R)File 357:Derwent Biotech Res.

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0238550 DBR Accession No.: 99-08651 PATENT

Megsin protein expressed specifically in mesangial cells - plasmid

pMAL-c-mediated expression in Escherichia coli, antibody and transgenic

mouse used for e.g. IgA nephropathy therapy

AUTHOR: Miyata T; Kurokawa K

CORPORATE SOURCE: Kanagawa, Japan; Tokyo, Japan.
PATENT ASSIGNEE: Miyata T; Kurokawa K 1999
PATENT NUMBER: WO 9915652 PATENT DATE: 990401 WPI ACCESSION NO.:
99-276983 (9923)
PRIORITY APPLIC. NO.: JP 97275302 APPLIC. DATE: 970922
NATIONAL APPLIC. NO.: WO 98JP4269 APPLIC. DATE: 980922
LANGUAGE: English

...ABSTRACT: megsin, which is expressed specifically in mesangial cells is new. Also claimed are: DNA encoding **megin** ; vectors (e.g. plasmid pMAL-c); host cells (Escherichia coli XL1-Blue (FERM BP-6517)); the production of **megin** ; monoclonal or **polyclonal** antibodies; an immunoassay of **megin** using the antibodies; and transgenic or knock-out animals (such as mice) in relation to the **megin** gene. The products can be used for the treatment and diagnosis of diseases involving mesangial...

?ds

Set	Items	Description
S1	15	(POLYCLONAL? OR ANTISERA OR ANTISERUM) (25N) (((B7 OR TP5-5) (5N) (SERPIN? OR MEGSIN?)) OR SERPINB7? OR MEGSIN? OR CLAD-EB OR (CLADE (N) 7)))
S2	5	RD (unique items)

?t s2/3/all

2/3/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2005 The Dialog Corp. All rts. reserv.

11702613 PMID: 11877466
Overexpression of the serpin megsin induces progressive mesangial cell proliferation and expansion.
Miyata Toshio; Inagi Reiko; Nangaku Masaomi; Imasawa Toshiyuki; Sato Masahiro; Izuhara Yuko; Suzuki Daisuke; Yoshino Atsusi; Onogi Hiroshi; Kimura Minoru; Sugiyama Satoshi; Kurokawa Kiyoshi
Molecular and Cellular Nephrology, Institute of Medical Sciences and Department of Internal Medicine, Tokai University School of Medicine, Kanagawa, Japan. t-miyata@is.icc.u-tokai.ac.jp
Journal of clinical investigation (United States) Mar 2002, 109 (5) p585-93, ISSN 0021-9738 Journal Code: 7802877
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

2/3/2 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2005 The Dialog Corp. All rts. reserv.

11430448 PMID: 11527413
Specific tissue distribution of megsin, a novel serpin, in the glomerulus and its up-regulation in IgA nephropathy.
Inagi R; Miyata T; Suzuki D; Toyoda M; Wada T; Ueda Y; Izuhara Y; Sakai H; Nangaku M; Kurokawa K
Molecular and Cellular Nephrology, Tokai University School of Medicine, Kanagawa, Japan.
Biochemical and biophysical research communications (United States) Sep 7 2001, 286 (5) p1098-106, ISSN 0006-291X Journal Code: 0372516
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

2/3/3 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

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01286850

MODEL ANIMAL OF MESANGIAL CELL PROLIFERATIVE NEPHRITIS
MODELLTIER FUR NEPHRITIS MIT MESANGIALZELLEN-PROLIFERATION
MODELE ANIMAL POUR NEPHRITE PROLIFERATIVE A CELLULES MESANGIALES

PATENT ASSIGNEE:

Kurokawa, Kiyoshi, (2738252), Ichigayahills 401, 49 Ichigaya Yanagi-cho,
Sinjuku-ku, Tokyo 162-0061, (JP), (Applicant designated States: all)
Miyata, Toshio, (2964891), 102 Ekuseru Isehara, 16-25, Sakuradai 2-chome,
Isehara-shi, Kanagawa 259-1132, (JP), (Applicant designated States:
all)

INVENTOR:

MIYATA, Toshio, 102, Ekuseru Isehara, 16-25, Sakuradai 2-chome,
Isehara-shi, Kanagawa 259-1132, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1224862 A1 020724 (Basic)

WO 200124628 010412

APPLICATION (CC, No, Date): EP 2000964721 001006; WO 2000JP6988 001006

PRIORITY (CC, No, Date): JP 99285736 991006

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A01K-067/027; A61P-013/12; A61K-045/00;

C12N-015/12; C12N-015/85; G01N-033/15; G01N-033/50

ABSTRACT WORD COUNT: 73

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200230	358
SPEC A	(English)	200230	8153
Total word count - document A			8511
Total word count - document B			0
Total word count - documents A + B			8511

2/3/4 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01213577

METHOD FOR DETECTING MEGSIN PROTEIN AND USE THEREOF
VERFAHREN ZUM NACHWEIS VON "MEGSIN"-PROTEIN UND ENTSPRECHENDE ANWENDUNG
PROCEDE DE DETECTION DE PROTEINE MEGSINE ET SON UTILISATION

PATENT ASSIGNEE:

Kurokawa, Kiyoshi, (2738250), Ichigaya Hills 401, 49 Ichigaya-yanagimachi
, Sinjuku-ku, Tokyo 162-0061, (JP), (Applicant designated States: all)
FUSO PHARMACEUTICAL INDUSTRIES LTD., (1209242), 7-10, Doshomachi 1-chome,
Chuo-ku, Osaka-shi, Osaka 541-0045, (JP), (Applicant designated States:
all)

Miyata, Toshio, (2964890), 4-2-3-101 Higashinaruse, Isehara-shi, Kanagawa
259-1117, (JP), (Applicant designated States: all)

INVENTOR:

MIYATA, Toshio, 102 Ekuseru Isehara, 16-25, Sakuradai 2-chome,
Isehara-shi, Kanagawa 259-1132, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1172655 A1 020116 (Basic)

WO 200057189 000928

APPLICATION (CC, No, Date): EP 2000909713 000317; WO 2000JP1646 000317

PRIORITY (CC, No, Date): JP 9975305 990319; JP 99306623 991028

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
" LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G01N-033/68; G01N-033/53; G01N-033/577;
G01N-033/553

ABSTRACT WORD COUNT: 42

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200203	451
SPEC A	(English)	200203	12779
Total word count - document A			13230
Total word count - document B			0
Total word count - documents A + B			13230

2/3/5 (Item 1 from file: 357)

DIALOG(R)File 357:Derwent Biotech Res.

(c) 2005 Thomson Derwent & ISI. All rts. reserv.

0238550 DBR Accession No.: 99-08651 PATENT

**Megsin protein expressed specifically in mesangial cells - plasmid
pMAL-c-mediated expression in Escherichia coli, antibody and transgenic
mouse used for e.g. IgA nephropathy therapy**

AUTHOR: Miyata T; Kurokawa K

CORPORATE SOURCE: Kanagawa, Japan; Tokyo, Japan.

PATENT ASSIGNEE: Miyata T; Kurokawa K 1999

PATENT NUMBER: WO 9915652 PATENT DATE: 990401 WPI ACCESSION NO.:
99-276983 (9923)

PRIORITY APPLIC. NO.: JP 97275302 APPLIC. DATE: 970922

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LANGUAGE: English

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